TOSHIBA

The power to open people's eyes

32ZP18Q
36ZP18Q

colour television

owner's manual

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For your safety

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased.

Air Circulation…

Leave at least 10cm clearance around the television to allow adequate ventilation. This will prevent the TV from overheating and consequential possible damage to the TV. Dusty places should also be avoided.

Heat Damage…

Damage may occur if you leave the TV in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity, or locations where the temperature is likely to fall below 5°C (41°F).

Mains Supply…

The mains supply required for this equipment is 230v AC 50Hz. Never connect to a DC supply or any other power source. DO ensure that the TV is not standing on the mains lead. DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance. In the UK, the fuse fitted in this plug is 13A, and is approved by ASTA or BSI to *BS1362*. It should only be replaced by a correctly rated and approved type and the fuse cover must be refitted. IF IN DOUBT PLEASE CONSULT A COMPETENT ELECTRICIAN.

Do…

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment.

Do not…

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources, such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety, always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL – NEVER let anyone, especially children, push anything into holes, slots or any other openings in the case – this could result in a fatal electric shock.

NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry.

Your new television's remote control

Simple, at-a-glance reference of your remote control's buttons…

To bring up on-screen information and for the teletext initial/index function

To display teletext

For On/Standby mode

Number buttons

To select input from external sources
To access sub-pages when in teletext mode. ***This may operate in a different way to your previous TV – see page 20***

To return to the previous programme

Selectable picture preferences

Widescreen viewing

On-screen Menus

To exit Menus

To change programme positions and teletext pages
To alter the volume
When using menus the arrows move the cursor on the screen up, down, left or right. ***OK*** *to confirm your selection*

Teletext control buttons

Dolby Surround

To select mode

Super Woofer

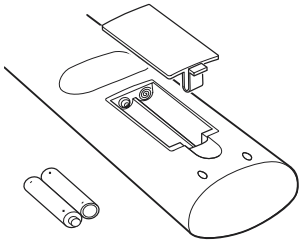
To mute the sound

… For quick reference to topics, please see the INDEX at the end of this manual.

When in VCR or DVD mode:
press ⏸ to PAUSE
press ⏏ to EJECT
press ⏮ to SKIP-REWIND
press ⏭ to SKIP-FORWARD
press ▶ to PLAY
press ■ to STOP
press ◀◀ to REWIND
press ▶▶ to FAST FORWARD

When in TV mode:
Still picture
I/II *Stereo/bilingual reception*
When in Teletext mode:
To reveal concealed text
To hold a wanted page
To enlarge teletext display size
To select a page whilst viewing a normal picture

The batteries... and the effective range of the remote…



Remove the back cover to reveal the battery compartment and make sure you insert the batteries the right way round.

Suitable battery types for this remote are R03 or AAA.

Do not throw your old batteries into a fire, dispose of them in a designated disposal area. Do not combine a used, old battery with a new one or mix battery types.

The performance of the remote control will deteriorate beyond a distance of five metres or outside an angle of 30 degrees from the centre of the TV.

Connecting the speakers

WARNING: do not attempt to share external speakers with your Hi-Fi as serious damage may occur.

In order to enjoy the full benefits of Surround Sound it is necessary to connect two rear surround speakers and two front extension speakers.

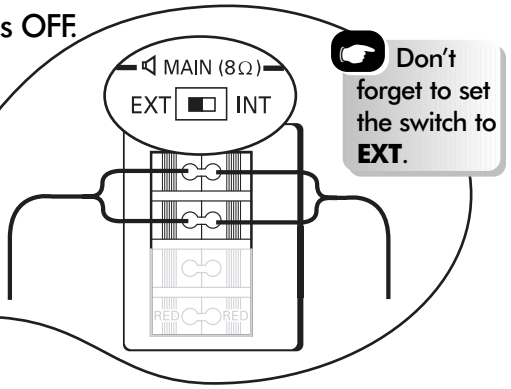
When connecting external Hi-Fi speakers, they must be 8 ohm, 10W minimum. The front speakers should be positioned either side of the TV and will deliver the left and right sound. The internal speakers will then deliver the centre channel required to enjoy Dolby Digital.

When connecting external speakers always make sure that the power is OFF.

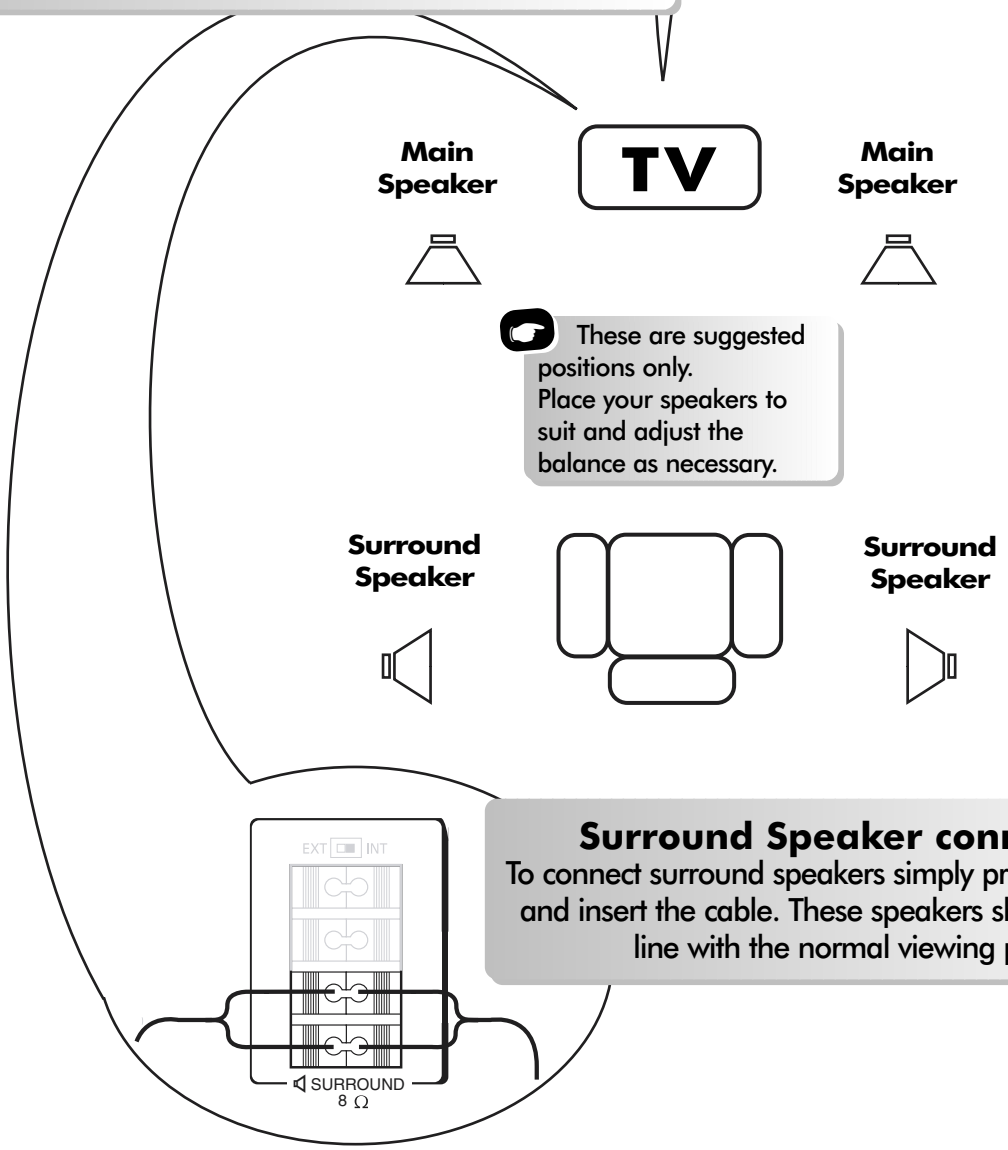
Extension Front Speaker connections

To connect extension front speakers simply press the connector and insert the cable. You must now set the switch to **EXT** as shown.

Always make sure that the lead with the stripe (or raised edge) is connected to the RED terminal and the other (smooth) lead is connected to the BLACK terminal.



Don't forget to set the switch to **EXT**.



These are suggested positions only.
Place your speakers to suit and adjust the balance as necessary.

Surround Speaker connections

To connect surround speakers simply press the connector and insert the cable. These speakers should be sited in line with the normal viewing position

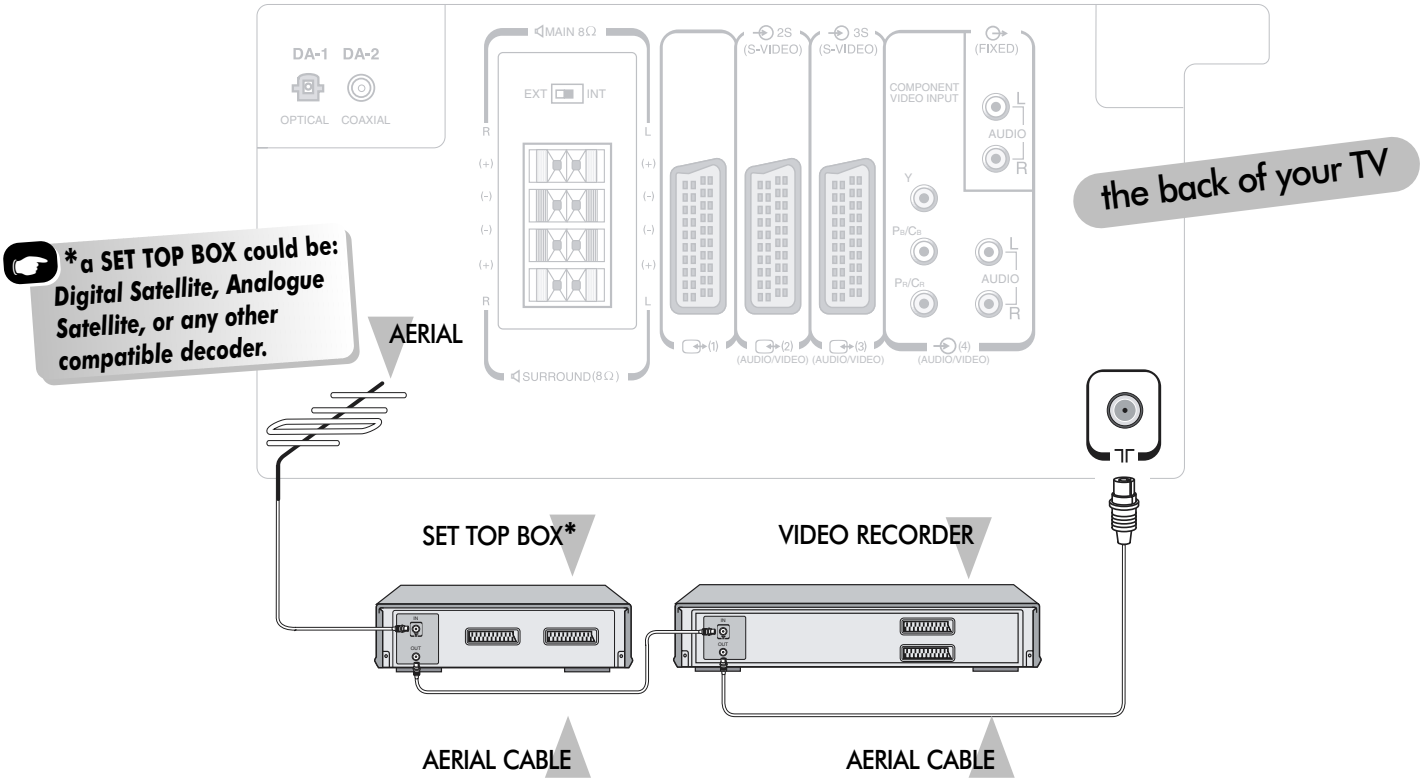
Connecting and turning on your new TV

To conserve energy it is best to turn your TV off and not to leave it in Standby, unless the timer has been set.

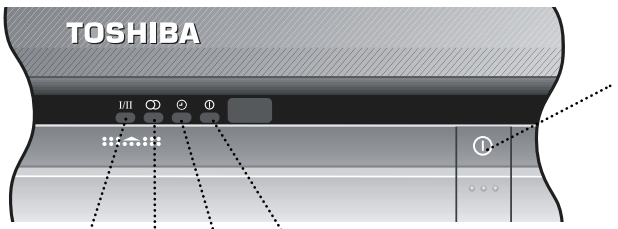
The TV back connections…

Connect the aerial to the socket on the rear of the television. If you use a Set Top Box and/or a video recorder it is essential that the aerial cable is connected through the Set Top Box and/or through the video recorder to the television.

DO NOT CONNECT SCART LEADS UNTIL THE TELEVISION IS FULLY TUNED.



…and switching your new TV on…



RED = Power On

GREEN = On Timer is set

GREEN = Stereo transmission being received

ORANGE = Bilingual transmission being received

On the front of the TV…

If the red power-on light is unlit, press the POWER button on the front of the TV to switch the set on and then press a number button on the remote control to see the screen.

…and with the remote control:

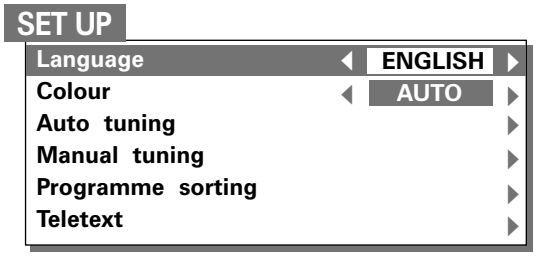
Press the Standby Button ⏻: This allows you to put the set into standby mode when leaving the TV unattended for short periods of time.
To return to TV mode press the ⏻ button, or any of the numbered buttons on the remote control. The picture may take a few seconds to appear.

Choosing the language and system*, Auto tuning

Before running ***Auto tuning*** turn on your Set Top Box and tune to a main channel. Also turn on the video recorder and set it to Standby. This will enable your television to allocate the necessary programme positions.

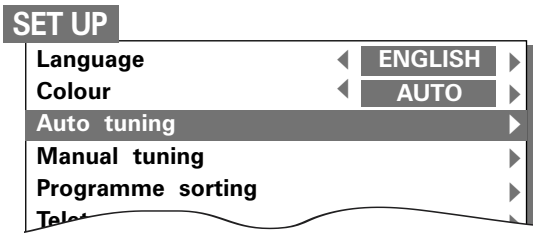
1 To choose your language, press the **MENU** button, and use the ❯ button to select **SET UP** from the top bar.

2 Now press the ❯ button to highlight ***Language*** in the **SET UP** menu options.



3 Press the ❮ or ❯ button to view the language options available. As you view each language, the wording on the menus will automatically change for you.

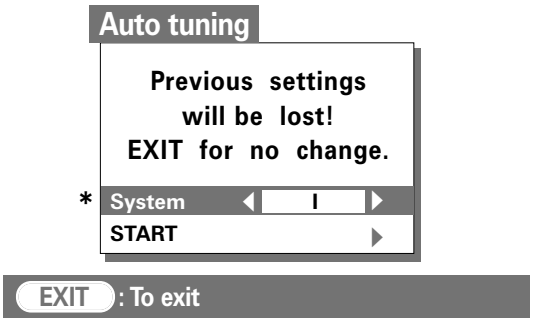
4 Now press the ❯ button to highlight ***Auto tuning***.



5 Then the ❯ button to go to the ***Auto tuning*** screen.

6 *For UK only:* Press **OK** to start and go to step 8.

For Continental Europe: You will need to choose the ***System**** necessary for where you live.

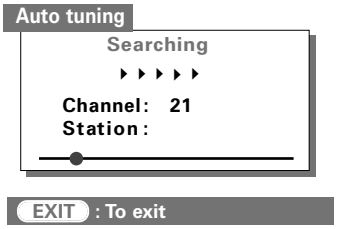


B/G – Continental Europe, D/K – Eastern Europe, I – UK, L1, L2 – France

7 Press the ❯ button repeatedly to select your **System***. With the ❯ button highlight **START** and then press the ❯ button.

8 The search will begin for all available stations. ▶▶▶▶▶ will flash and the bullet will move along the line as the search progresses.

Allow the television to complete the search.



9 When the search is complete the TV will automatically return to programme position 1. This may not be a clear picture, so you may wish to change the station order, using ***Programme sorting***, *on page 9*.

IF YOU HAVE FINISHED TUNING, YOU MAY NOW CONNECT YOUR SCART LEADS (see page 24).

If you wish to allocate a position for your video recorder, use ***Manual tuning***, *see page 8*.

* ***For Continental Europe only.***

Manually tuning your TV

As an alternative to ***Auto tuning***, you can tune-in your Toshiba television manually using ***Manual tuning***. For example: if you have used ***Auto tuning*** but wish to tune-in a station on another ***System*** (*see page 7*); if you are unable to connect the TV to your video with a Scart lead or, if your set top box was not recognised during ***Auto tuning***.

Manual tuning

If you cannot connect your television to the video recorder using Scart leads you will need to allocate a programme position on the television for the video recorder. Insert a pre-recorded tape and press PLAY, then Manual tune...

These options will appear as you move across the screen.

Programme	System	Search	Programme skip/ Channel	Manual fine tuning	Station

Programme: The number to be pressed on the remote control.
System: Specific to certain areas. *See page 7.*
Search: Search up and down for a signal.
Programme skip: * means nothing has been stored or the facility to *skip* the channel is ON. *See page 10.*
Channel: The channel number on which a station is being broadcast.
Manual fine tuning: Only used if you experience interference/weak signal. *See page 10.*
Station: Station identification. You can use the ^ and v or 〈 and 〉 buttons to enter up to seven characters.

1 From the top menu bar select **SET UP** and with the v button highlight ***Manual tuning*** and the 〉 button to select.

SET UP

Language	ENGLISH
Colour	AUTO
Auto tuning	
Manual tuning	
Programme sorting	
Teletext	

2 Using the ^ or v button, highlight the programme position you require e.g. we suggest ***Prog. 0*** for your video.

...Your TV may display different **Channel** *numbers...*

MANUAL TUNING

Prog.	Sys.		Channel	Station
0	I		60	VCR
1	I		22	BBC1
2	I		28	BBC2
3	I		25	ITV
4	I		32	CH4
5	I	*	69	

OK : To select EXIT : To exit

3 Press **OK** to select.

MANUAL TUNING

System

0	I		60	0	VCR

OK : To store EXIT : To exit
MENU : To return

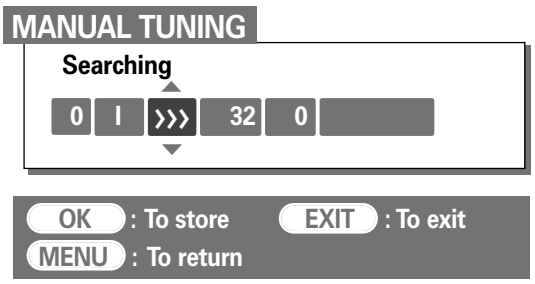
4 Press the 〉 button to select ***System*** and use ^ or v to change (*if required, see page 7*).

5 Press the 〉 button to select ***Search***.

Continues on the next page

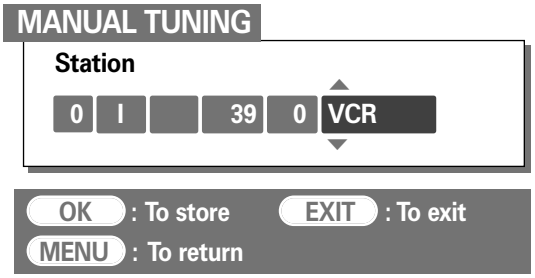
Manually tuning your TV continued
Sorting programme positions

6 Press the ^ button to begin the search. ***Searching*** will flash and the television will show the channel numbers whilst the search is progressing.



7 On finding a signal it will show on the television, if it is not your video recorder, press the ^ button again to restart the search.

8 When the signal from your video recorder is found, press the › button to move along to ***Station***. With the ^, v, ‹ and › buttons, put in the required characters, e.g. **VCR**.



9 Now press **OK** to store.

10 Repeat for each ***programme position*** you want to tune, e.g. to tune your set top box to ***Programme Position 06*** press the ^ or v button repeatedly to select **06** then repeat from ***step 4***. Or, press **MENU** to return to the list of channels and select the next number to tune.

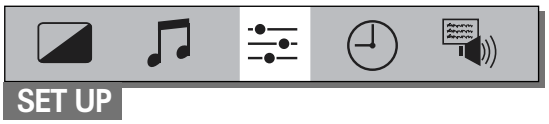
11 Press **EXIT** when you have finished tuning in.

PLEASE NOTE This TV has direct channel entry if the channel numbers are known. Select the ***Manual tuning*** screen in ***Step 3***. Enter the ***Programme number***, the ***System***, then the ***Channel*** number. The channel number must be a three digit number e.g. 111, 011, 001. Press **OK** to store.

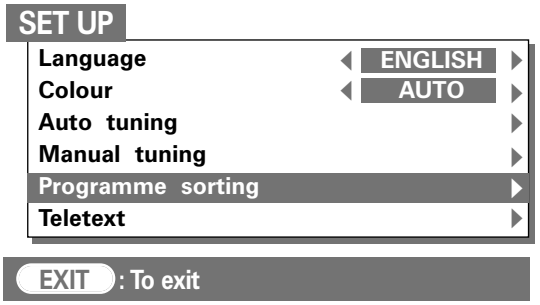
To sort programme positions

*After tuning, if you want to change the position of certain programmes you can. **Program sorting** is an easy way of storing each channel on the programme position of your choice.*

1 Press the **MENU** button and then the ‹ or › button to select the **SET UP** option from the top bar.

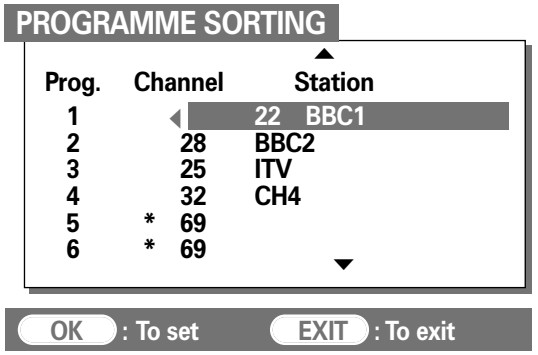


2 Press v to highlight ***Programme sorting*** and › to select.



3 The list of stations is now showing. With the v or ^ button highlight the station you want to *move* and press **OK** to select.

As you do so the selected station will be moved to the right of the screen.



4 Use the v or ^ button to move through the list to your *preferred* position. As you do so the other stations will move to make room.

5 Now press the **OK** button to set your move.

6 Repeat as necessary and then press **EXIT**.

Manual fine tuning and programme skip

Manual fine tuning

Manual fine tuning should not be required unless you experience interference or a weak signal.

1 Select ***Manual tuning*** from the **SET UP** menu.

MANUAL TUNING

Prog.	Sys.	Channel	Station
0	I	60	VCR
1	I	22	BBC1
2	I	28	BBC2
3	I	25	ITV
4	I	32	CH4
5	I	* 69	

OK : To select EXIT : To exit

2 With the station highlighted, press **OK**.

3 Press the ❯ button repeatedly until the words ***Manual fine tuning*** are showing.

MANUAL TUNING

Manual fine tuning

1 | I | | 22 | + 2 | BBC1

OK : To store EXIT : To exit
MENU : To return

4 With the ❮ or ❯ button adjust to get the best picture and sound.

5 Press **OK** to store and then **EXIT**.

Programme skip

To prevent certain programmes from being viewed, for example, a certain film by your children whilst you are out for the evening, you can skip the programme position and take the remote control with you. The television will still function as normal using the controls on the front of it, but the set will not show the skipped programme position.

1 Press the **MENU** button and from the top menu bar select **SET UP**.

2 With the ❯ button highlight ***Manual tuning***. And press the ❯ button to select the ***Manual tuning*** screen.

MANUAL TUNING

Prog.	Sys.	Channel	Station
0	I	60	VCR
1	I	22	BBC1
2	I	28	BBC2
3	I	25	ITV
4	I	32	CH4
5	I	* 69	

OK : To select EXIT : To exit

3 Use the ❮ or ❯ to highlight the programme position to be skipped and press **OK** to select.

4 With the ❯ button move along to ***Programme skip***.

5 Use the ❮ or ❯ button to turn ***Programme skip*** : **On**. Press **OK** to store.

MANUAL TUNING

Programme skip : On

2 | I | | * 28 | 0 | BBC2

OK : To store EXIT : To exit
MENU : To return

* on the screen indicates a skipped programme position.

6 Then press the **MENU** button and either repeat from ***Step 3*** or press **EXIT** to finish.

Each programme position has to be INDIVIDUALLY selected and set with Programme skip **On** or **Off**.

The ***skipped*** programme positions ***cannot*** now be selected by the **P▲** (❮) and **P▼** (❯) buttons or by the controls on the front of the TV, but can still be accessed by the number buttons on the remote control. To turn ***Programme skip*** **OFF**, repeat the procedure on the chosen channel.

General and sound controls

Selecting and changing programme position

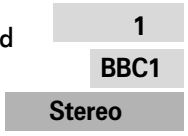
Enter the desired programme position number using the numbered buttons on the remote control.

For programme positions *below* 10 use 0 and the required number *e.g.* 01 for programme position 1.

You can also change the programme position by using the **P▲** (❮) and **P▼** (❯) buttons.

Use the ⇄ button to revert to the previous programme position.

The programme position will be displayed on the screen with the Stereo/Mono indicator, *described on page 15*.



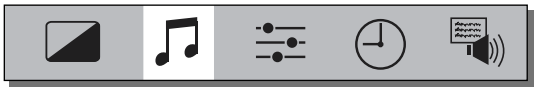
Sound control

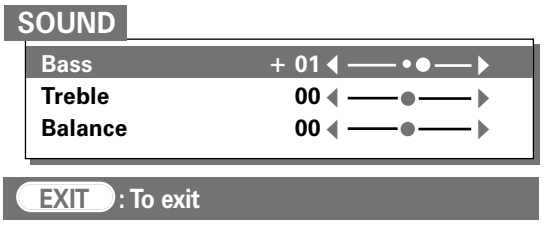
Volume
Press the — (❮) or + (❯) button to adjust the volume.

Sound Mute
Press the 🔇 button to turn the sound off. Press it again and the sound will return.

Super Woofer – to enhance the depth of sound
Press the button repeatedly to turn the ***Super Woofer*** on and off. Press the ❮ or ❯ button to adjust the effect. The difference will only be noticeable on sound with a strong bass.

Bass, treble and balance adjustments





Press the **MENU** button on the remote control, and the ❮ or ❯ button to select the **SOUND** option from the top bar.

Press the ❯ button to highlight ***Bass, Treble*** or ***Balance*** from the **SOUND** menu and then the ❮ or ❯ button to change the setting.

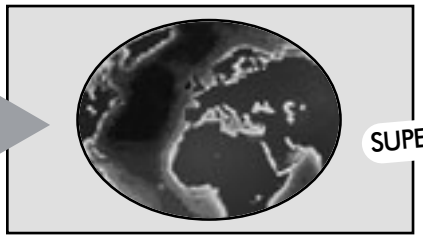
Widescreen viewing

Press the ⊕ button repeatedly to view the options available.

This set is capable of showing broadcasts in a number of formats. Depending on the type of broadcast being transmitted you may select between ***Super live, Cinema, Subtitle, 14:9, Wide*** and ***4:3***.

SUPER LIVE

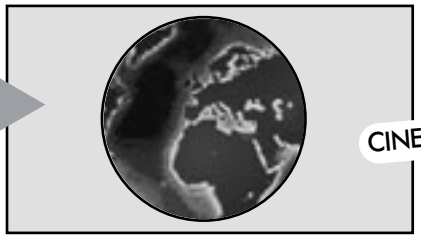
This setting will enlarge the image to fit the screen by stretching the image horizontally, holding the correct proportions at the centre of the image.



Experiment with them all until you find a style that suits you...

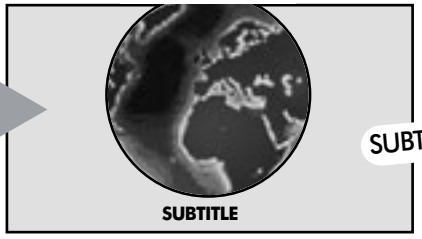
CINEMA

When watching 'letterbox format' films/video tapes, this setting will eliminate or reduce the black bars at the top and bottom of the screen by zooming in and selecting the image without distortion.



SUBTITLE

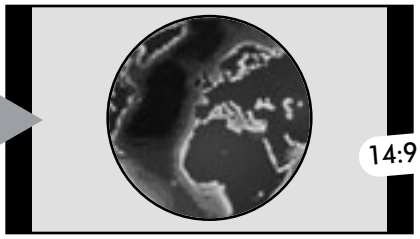
When subtitles are included on a letterbox format broadcast, this setting will raise the picture to ensure that all the text is displayed.



! Whenever the MENU button is pressed the picture size setting will change while the menus are ON the screen. This is to ensure the menus do not overlap the edges of the viewable area.

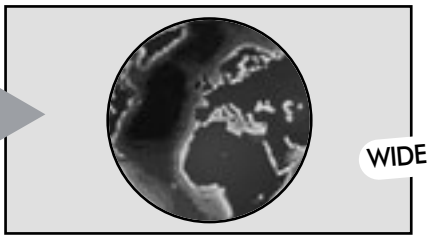
14:9

Use this setting when watching a 14:9 broadcast.



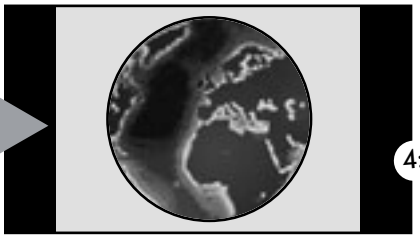
WIDE

Use this setting when watching a widescreen DVD, widescreen video tape or a 16:9 broadcast (when available). Due to the range of widescreen formats (16:9, 14:9, 20:9 etc.) you may see black bars on the top and bottom of the screen.



4:3

Use this setting to view a true 4:3 broadcast.

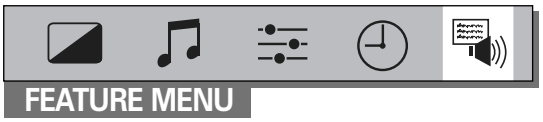


Picture controls

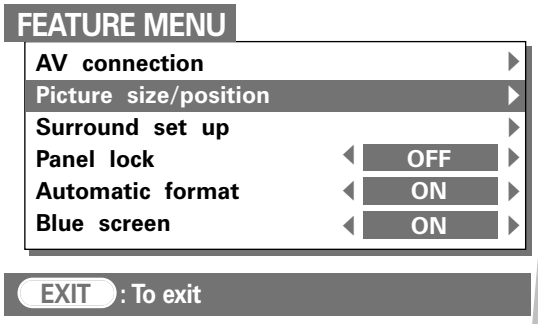
Adjustment to the position of the picture may be made to suit your viewing preferences.

Picture size/position

1 Press the **MENU** button, and use the ❯ button to select **FEATURE MENU**.



2 Now repeatedly press the ❯ button until ***Picture size/position*** is highlighted.



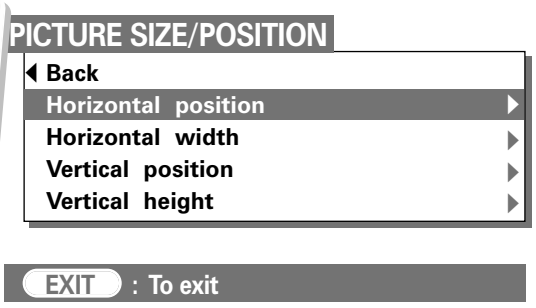
! ***The options available to you when in the Picture size/position screen will vary depending upon the widescreen format you have previously chosen, as detailed on page 12.***

3 Press the ❯ button to view the options *available* for the picture format you have selected.

4 With the ❮ and ❯ buttons, highlight an option and with the ❮ or ❯ button select.

5 Now use the ❮ or ❯ buttons to adjust the settings as required and press **EXIT** when you have finished.

In ***Super live***:

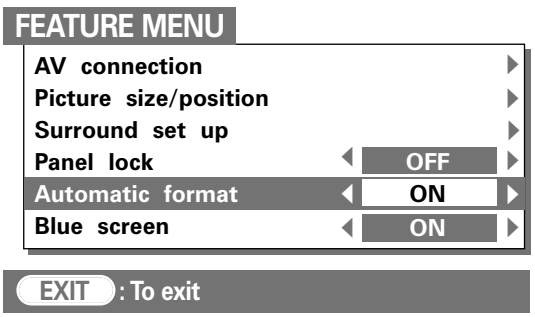


Automatic format (Widescreen)

When this TV receives a true Widescreen picture and **Automatic format** *is* **ON**, *it will automatically be displayed in Widescreen format, irrespective of the TV's previous setting.*

1 Press the **MENU** button, and use either the ❮ or ❯ button to select the **FEATURE MENU**. Use ❯ to move down to ***Automatic format***.

2 Using the ❮ or ❯ buttons turn ***Automatic format*** **ON** or **OFF**.



Picture controls continued

This television offers you the choice of personalising the picture style to suit your own preferences.

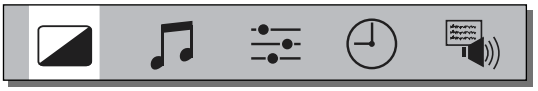
Picture Preferences, Scan Mode, Digital Noise Reduction and Still Picture

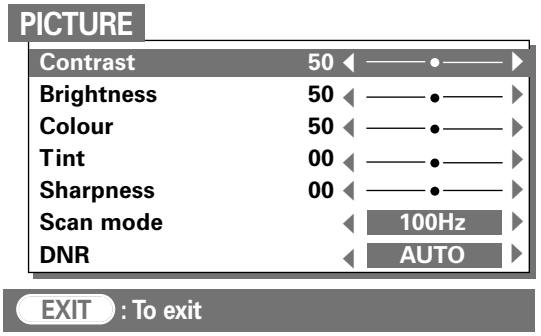
Picture preferences

By pressing the ⇥◪⇤ button you can view the different picture styles available

Picture mode-1 to ***3*** for preset options and, ***Picture mode-M*** is for your own settings:

1 So, to set your own, choose **PICTURE** from the top menu bar.





Within this **PICTURE** menu you have the options to adjust the ***Contrast***, ***Brightness***, ***Colour***, ***Tint*** and ***Sharpness***.

*The **Tint** can only be adjusted on a signal from an NTSC video recorder or DVD player when the television is in AUTO colour mode.*

2 Using the ❮ or ❯ button alter to suit your taste.

Scan Mode

*Scan mode has two options, both are 100Hz and reduce background flicker. In most situations, the standard **100Hz** setting will give the better picture. In cases of rapid movement, such as team sports, the **NATURAL** setting may give a smoother result.*

1 Select ***Scan mode*** from the **Picture** menu.

2 With the ❮ or ❯ button select between **100Hz** and **NATURAL**, to choose the picture you prefer – the difference may only be slight.

DNR – Digital Noise Reduction

***DNR** enables you to 'soften' the screen representation of a weak signal.*

1 Select ***DNR*** from the **PICTURE** menu. Select between **AUTO** and **OFF** to obtain the best picture. The differences may not always be noticeable.

Still Picture

Using the latest technology this television's 100Hz double scanning plus digital picture processing produces a flicker-reduced picture. In addition, a still – similar to freeze frame on a VCR – can be held on the screen.

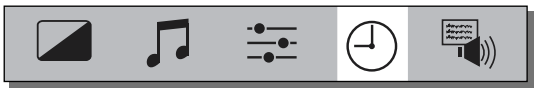
1 Pressing the ▼ button will hold an image on the screen. Press ▼ again to return to TV mode.

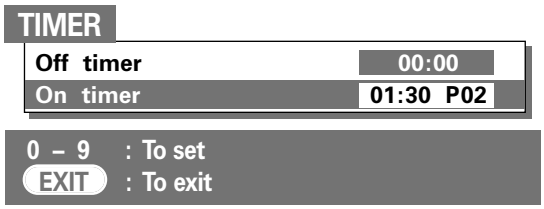
The timer, time display, panel lock and stereo/bilingual transmissions

The Timer

You can tell the TV to turn itself **ON** *or* **OFF** *after a certain time.*

1. Select the **TIMER** option from the top menu bar.





2. Select the ***On timer*** (or the ***Off timer***). If, for example, you want the TV to turn ON (or OFF) in one and a half hours time, enter 01:30 using the numbered buttons on the remote control.

3. If setting the ***Off timer*** press **EXIT**. If setting the ***On timer***, you must enter the programme position number you want to watch. You must put the set into Standby mode by pressing the ⏻ button.

   Any equipment connected with Scart leads must also be put into Standby mode to prevent them being displayed when the timer switches on.

   When the ***On timer*** has been set, the GREEN On timer indicator on the front of the TV will be lit (*see page 6*).

   If the **On timer** *has been set, you do not have to wait to watch the television. You can bring the set back to life by pressing the ⏻ button. However, the GREEN timer light will stay on until the set time period has passed, at which point the TV will go to the chosen channel. This feature can help you avoid missing your favourite programmes.*

4. To cancel the ***On timer***, enter zero in each position including the programme position.

The Time Display

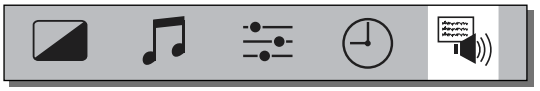
The time display facility allows you to see the current time on the TV screen.

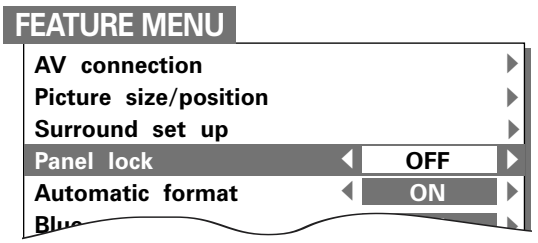
If you press the ⏲/EX button on the remote control whilst watching a normal TV broadcast you will see a time display from the broadcaster.
It will remain on the screen for about 5 seconds.

Panel Lock

Panel lock *allows you to disable the buttons on the front of the TV set. You can though, still use all of the buttons on the remote control.*

1. From the **FEATURE MENU** select ***Panel lock*** and choose **ON** or **OFF** with the ❮ or ❯ buttons.





When Panel lock is ON, you will be reminded on the screen when you press any of the front panel buttons. Once the set has been switched off it can ONLY be brought out of standby using the remote control.

Stereo and Bilingual transmissions

If stereo or dual language broadcasts are transmitted the lights on the front of the TV will be lit. The word Stereo or Dual will appear on the screen, disappearing after a few seconds. The display will reappear each time you change programme positions, provided that the broadcast is in stereo. If the broadcast is not in stereo the word Mono will appear.

Stereo... Choose the required programme number. Press the CD I/II button repeatedly, to select between ***Stereo*** and ***Mono***.

Bilingual... Bilingual transmissions are rare. If they are transmitted the word ***Dual*** *will display.* Choose the required programme number and if the word ***Dual*** *does* appear press the CD I/II button to select between ***Dual 1***, ***Dual 2*** or ***Mono***.

AV connections and input selection

...Please see page 24 for a clear view of the back connection recommendations...

Defining your INPUT and OUTPUT sockets so that your television recognises connected equipment.

Most video recorders and Set Top Box receivers send a signal through the Scart lead to switch the TV to the correct *Input* socket. Alternatively press the external source selection button ⊕ repeatedly until you see the picture from your equipment. You must use this button to view equipment connected using the COMPONENT VIDEO INPUT (**EXT 4**).

Digital Audio on the screen indicates that the external source has been set as a digital audio input, see below. An ***S*** e.g. ***EXT2S***, indicates the input is set for an S-Video signal.

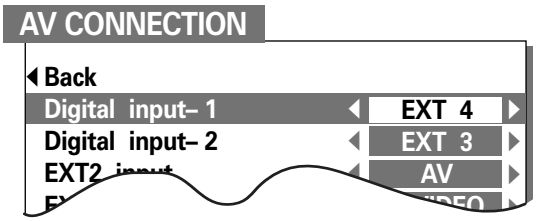
Input Selection

SELECTING THE DIGITAL AUDIO SIGNAL

This set is provided with 2 digital audio inputs – DA-1 and DA-2 – so that, for example, a DVD player and a games console can stay permanently connected.

Having connected the video signal from your DVD to, say, COMPONENT VIDEO INPUT (**EXT 4**) and from your games console to Scart 3 (**EXT 3**) you will now need to connect the audio cables to the inputs on the back of the set, then match the two up.

1 If you have connected to **DA-1** (optical), select ***AV connection*** from the **FEATURE MENU** and press the ❯ button to highlight ***Digital input– 1*** then with the ❮ or ❯ buttons, select the appropriate video input, for example **EXT 4** for the DVD player.

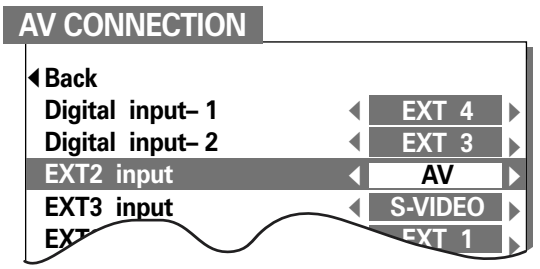


2 Then for the 2nd connection, press the ❯ button to highlight ***Digital input– 2*** (coaxial) then with the ❮ or ❯ button, select the appropriate video input, for example, **EXT 3** for the games console.

SELECTING THE VIDEO SIGNAL

This feature allows you to specify the type of signal going into Scarts 2 (**EXT 2**) or 3 (**EXT 3**) on the back of the television and the sockets on the front (which are also **EXT 3**). Please refer to the manufacturer's instructions for the connected equipment. If the colour is missing try the alternative setting.

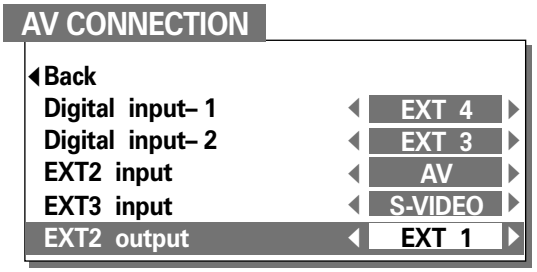
1 From the **FEATURE MENU** select ***AV connection*** and with the ❮ or ❯ button select either **AV** or **S-VIDEO** as the required ***input*** for ***EXT2*** and ***EXT3***.



Selecting the **OUTPUT** signal for Scart 2

This feature enables you to select the source to *output* from Scart 2. e.g. If you connect a stereo Set Top Box to Scart 1 and a stereo video recorder to Scart 2, and select **EXT 1** as the ***EXT2*** output (*i.e.* you will output the signal received through Scart 1 directly out to Scart 2), you will be able to record the stereo Set Top Box transmission in stereo.

1 Again, from the **FEATURE MENU** select ***AV connection***.



2 Using the ❮ or ❯ buttons change the ***EXT2 output*** option to either **Monitor, TV, EXT 1** or **EXT 3**.
Monitor = The picture on screen
TV = The last television programme selection.
EXT 1 = The picture from equipment connected to Scart 1.
EXT 3 = The picture from equipment connected to Scart 3 or the front input sockets.

Dolby Digital

Dolby Digital is available from DVD players, some games console players, etc. These must be connected using a Scart or phono lead for the picture **AND** an optical or a coaxial cable for the sound *see page 24*.

Dolby Digital

Arrange the speakers around your normal viewing positions (as shown on page 5) and then make sure that the TV is set up as follows:

1. The DVD/Games console is connected to the TV using phono leads to the COMPONENT VIDEO INPUT or a Scart lead to Scart 3, ***and*** an optical or coaxial cable to the optical/coaxial sockets, DA-1 or DA-2.

2. The ***Digital input-1*** (optical)/ ***Digital input-2*** (coaxial) in the ***AV connection*** menu (*see page 16*) is set to **EXT 3** if Scart 3 is used or **EXT 4** if the equipment is connected to COMPONENT VIDEO INPUT.

3. External front speakers are connected and the external switch (found on the back of the TV) is set to **EXT**. You will not hear the centre channel without external front speakers connected.

4. Rear speakers are connected and the ***Rear speaker*** option in the ***Surround set up*** menu is set to **YES**. *(See next page.)*

DELAY TIME...

*If you sit a long way from the TV and close to the rear speakers the sound from the rear will reach you before the sound from the front. You can use a higher setting in the **Delay time** option to restore the correct balance.*

1. From the **FEATURE MENU** select ***Surround set up***.

2. With ***Delay time*** highlighted, press the ❯ button then use the ❮ or ❯ button to change the setting to a value that suits you.

3. Press **EXIT** when you have finished.

! ***If rear speakers are NOT selected in the Surround set up menu, you will not hear any sound from your rear speakers.***

Adjustments

1. Set the ***volume*** and ***balance*** of the front speakers to your preference.

2. Play a Dolby Digital source and press the button on the TV's remote control. The title, e.g. **Dolby Digital 3/2**, is an indication of the channels available from your current sound source, see the table.

3. To adjust the levels, use the ❮ or ❯ button to select the centre and two rear speakers in turn. Press either the ❮ or ❯ button to adjust. The number of adjustable speakers will depend upon the signal received from the DVD player.

4. To cancel the test press the **EXIT** button.

! ***Alternatively, use the Test mode in the SURROUND SET UP menu, see page 18.***

If the DVD playing is recorded in Dolby Pro Logic, i.e. 4 channel stereo (front left, front right, centre and rear) the TV will detect the 4 channels.

In this instance, when the **Surround Test Mode** *is run the TV will cycle through the four channels in use.*

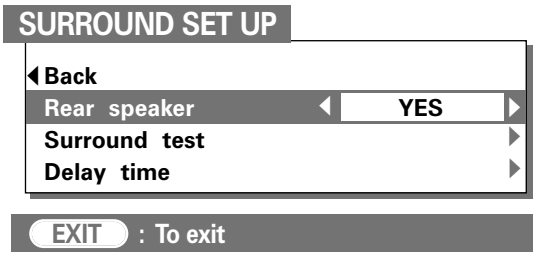
In order to get full Dolby Digital, the DVD player must be connected using the coaxial or optical links.

Dolby Digital

1/0 = Centre speaker only.
2/0 = Front Left and Front Right only.
2/1 = Front Left and Front Right + Rear Left and Rear Right combined.
2/2 = Front Left and Front Right + Independent Rear Left and Independent Rear Right.
3/0 = Front Left and Front Right and Centre. No Rear Speakers.
3/1 = Front Left and Front Right and Centre + Rear Left and Rear Right combined.
3/2 = Front Left and Front Right and Centre + Independent Rear Left and Independent Rear Right.

Dolby Pro Logic

Dolby Pro Logic – available on many TV broadcasts in addition to video tapes, uses a combination of 4 speaker channels – front-left, centre, front-right and two rear. If external front speakers are not connected, the left and right front channels will be delivered through the speakers in the TV and you will not hear a centre channel.



1. From the **FEATURE MENU** select ***Surround set up***.

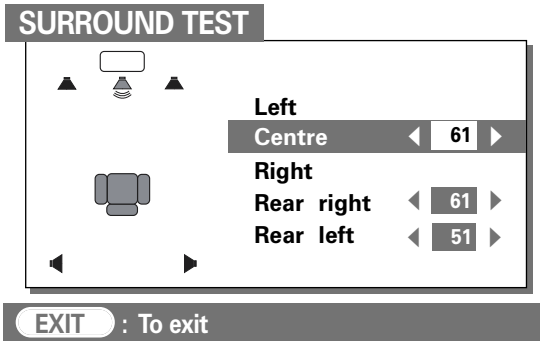
2. Using the ❮ or ❯ buttons turn ***Rear speaker*** to **YES**.

> ! **YES** in the **Rear speaker** option must be chosen for the **Test Mode** below to function…

Surround Test Mode

1. Set the ***volume*** and ***balance*** of the front speakers to your preference.

2. Press the ◁◁ button to bring up the **SURROUND** menu. With ***Dolby Pro Logic*** selected, **EXIT** and go to the **FEATURE MENU**. Ensure that the ***Rear speaker*** option is set to **YES**, then run the ***Surround test*** from the ***Surround set up*** menu.



3. Use the ❮ and ❯ buttons to adjust.

> ☛ ***The test will play a 'white noise' through each speaker in turn. The display will show you which speaker is in play, adjustments may be made whilst it is highlighted. The Centre channel will only be adjustable once the external switch has been set to EXT.***

> ! If you cannot connect rear speakers try selecting Dolby 3 Stereo in Step 2, but you must have external front speakers connected and the external switch set to **EXT**.

> ! *Inserting the headphone jack will mute the sound from all speakers and deliver a normal stereo left and right signal. There are no Dolby Digital or Surround effects available when using headphones.*

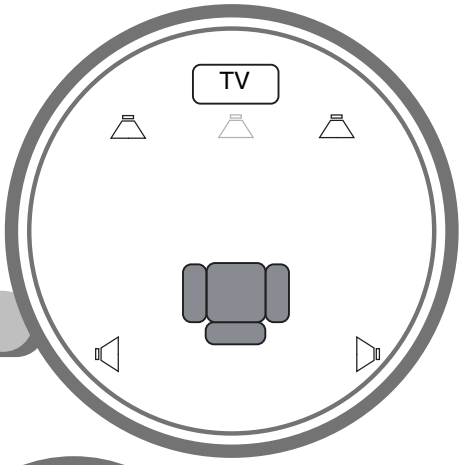
Digital Surround Processor

Please note: **Hall**, **Theatre**, **Disco**, and **Stadium** effects are only available on a stereo signal. **Pseudo surround** works on both mono and stereo signals. All of the Digital surround modes are adjustable, the method of adjustment being described below, is the same for all the Digital Surround effects.

1. Press the ▷◁ button to bring up the **SURROUND** menu.
2. Press the ∧ or ∨ button repeatedly to select the digital mode which best suits the type of broadcast.
3. Then press the 〉 button to access the adjustments screen and with the ∧, ∨, 〈 and 〉 buttons, adjust the levels as required.

...if you choose to adjust one **Digital Surround** *mode, you will not affect the others.*

SURROUND SOUND uses a combination of 4 speakers – front-left, front-right and two rear speakers.



Surround Sound: Hall
To reproduce in the living room the surround effects similar to those experienced in a large concert hall. *Ideal for TV programmes or music video tapes.*

Surround Sound: Pseudo
To create a synthetic sound effect for movies and TV shows recorded in mono.

Surround Sound: Theatre
To reproduce the surround effects similar to those experienced in a movie theatre filled with a rich warm sound. *Ideal for movies with stereo sound.*

Surround Sound: Stadium
To reproduce the surround effects similar to those experienced in a large football or baseball stadium packed for a live game.

Surround Sound: Disco
To create the atmosphere of a room so full of music that it seems to engulf the listener. *An ideal sound mode for listening to pop videos.*

Surround Sound: Off
Uses only the front left and right speakers. This mode can be selected for watching news broadcasts and the like which require no special sound features.

Teletext – setting up

This TV has a multi-page teletext memory, which takes a few moments to load and it offers two ways of viewing text – **AUTO** and **LIST** which are explained on the next page.

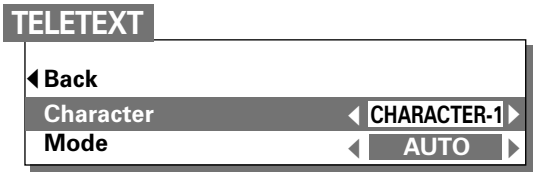
Selecting the character set and viewing mode and general information

Selecting characters and modes

*Before using teletext you can choose the correct alphabet (**Character**) and whether to view in **LIST** or **AUTO** mode, (explained on the next page).*

1. From the **SET UP** menu, use the ❮ or ❯ button to highlight ***Teletext*** and then the ❯ button to select.

2. With ***Character*** highlighted, use the ❯ button to select your required character set.



CHARACTER-1 for Western European countries and Turkey

CHARACTER-2 for Eastern European countries

3. To select the ***Mode***, with the ❯ button highlight ***Mode***.

4. With the ❮ or ❯ button choose **AUTO** or **LIST**.

5. Press **EXIT** to finish.

About teletext

The ☰/▢ button:

Pressing the ☰/▢ button once will bring up the teletext screen. Press again to superimpose the teletext over a normal broadcast picture. Press again to return to normal TV mode. You need to return to normal viewing if you wish to change channels.

When you first press the ☰/▢ button to access the text service, the first page you see will be the *initial* page.

In **AUTO** mode this displays the main subjects available and their relevant page numbers.

In **LIST** mode you will see whichever page number is currently stored on the **RED** button.

To access any teletext page, enter the 3 digit page number, using the numbered buttons on the remote control, *e.g. 430*, or to advance to the next page, press the **P ▲** (❮) button, to go back to the previous page press the **P ▼** (❯) button.

Sub-pages

Once in this chosen page, if there are *sub-pages* they will automatically load into memory **without changing the one you are reading**. Arrows will appear alongside the page number, indicating *sub-pages* which have loaded to the left or right of the one on the screen. If there are many *sub-pages* it will take a long time for them all to load and this will depend on the speed with which the broadcaster transmits them.

To access the *sub-pages* in memory press the ▣(-⊖) button, then use the ❮ and ❯ buttons to view them.

To alter the volume you will need to cancel *sub-pages* mode by pressing the ▣(-⊖) button first.

Whilst in *sub-pages* mode an indicator will show in the bottom left of the screen. After a short time of inactivity the indicator will disappear. To access the *sub-pages* again press the ▣(-⊖) button.

These *sub-pages* will remain available to view until you choose another page or, in normal TV mode, you change channel.

Teletext continued over the page…

Teletext continued
– *Auto* and *List* modes

Moving around the teletext pages in **AUTO** and **LIST** modes and selecting favourite pages

Moving around

There are two ***Modes***: **AUTO** will display **FASTEXT**, if available. **LIST** will display your four favourite pages. In either mode, as an alternative to the coloured buttons you can access a page by entering a 3-digit number, using the buttons on the remote control, or to advance to the next page, press the **P ▲** (^) button, to go back to the previous page press the **P ▼** (v) button.

Auto

Press the ☰/▢ button to access teletext.

In **AUTO** mode, if **FASTEXT**, *is* available, you will see four coloured titles at the base of the screen.

To access one of the four given subjects, press the relevant coloured button on the remote control, corresponding to the title.

For further information on your particular text system(s), see the broadcast teletext index page or, consult your local Toshiba dealer.

List

In **LIST** mode, the four choices at the bottom of the screen are now numbers – 100, 200, 300 and 400, which have been programmed into the TV's memory.

To view these pages use the coloured prompt buttons *e.g.* press the **GREEN** button to view page 200.

If you want to *change* these stored pages press the coloured button for the colour you want to change, *e.g.* **GREEN** and enter the 3 digit number.

This number will change in the top left of the screen and in the coloured highlight.

Now press **OK** to store your choice. The bars at the bottom of the screen will flash white.

If you do not press **OK** to confirm your change, you will not have stored your choice and it will be forgotten when you leave the teletext screen.

You may view other pages by simply entering the 3 digit page number – but DO NOT press **OK** or you will lose the favourite already stored.

Whenever you press **OK** all four page numbers showing along the bottom will be stored and the previous ones will be lost.

The rest of the text control buttons are explained on the next page…

Remember to cancel text before changing channels – press the ☰/▢ button twice.

Teletext continued – control buttons

Now you have set up teletext, below is a guide to the remote control teletext buttons and their functions.

Using the buttons on the remote control

1 ☰i *To display an index/initial page:*

In **AUTO**-mode
Press the ☰i button to access index pages. The one displayed is dependent on the broadcaster.

In **LIST**-mode
Press the ☰i button to return to your page currently stored on the **RED** button.

2 ☰/▢ *To display a page of teletext:*

Press the ☰/▢ button to display teletext**.** Press again to superimpose the teletext over a normal broadcast picture. Press again to return to normal TV mode. You cannot change programmes until you return to normal TV.

3 ☰? *To reveal concealed text:*

Some pages cover topics such as quizzes and jokes. To discover the solutions press the ☰? button.

4 ☰ *To hold a wanted page:*

This feature is included as it is part of the broadcast teletext system but you will not need it as this TV allows *you* to control the display of *sub-pages*.

5 ☰ *To enlarge the teletext display size:*

Press the ☰ button once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to the normal size.

6 ⏲/EX *To select a page whilst viewing a normal picture:*

When in teletext mode, if a page selection is made and then the ⏲/EX button is pressed, a normal picture will be displayed. The TV will indicate when the page is present by displaying the page number at the top of the screen. Press the ☰/▢ button to view the page.

To display news flashes:
To view news flashes as they are broadcast, select the news flash page for the particular teletext service (see the index page of teletext service). Press the ⏲/EX button. The news flashes will be displayed as and when they are broadcast. Press the ⏲/EX button to cancel the display.

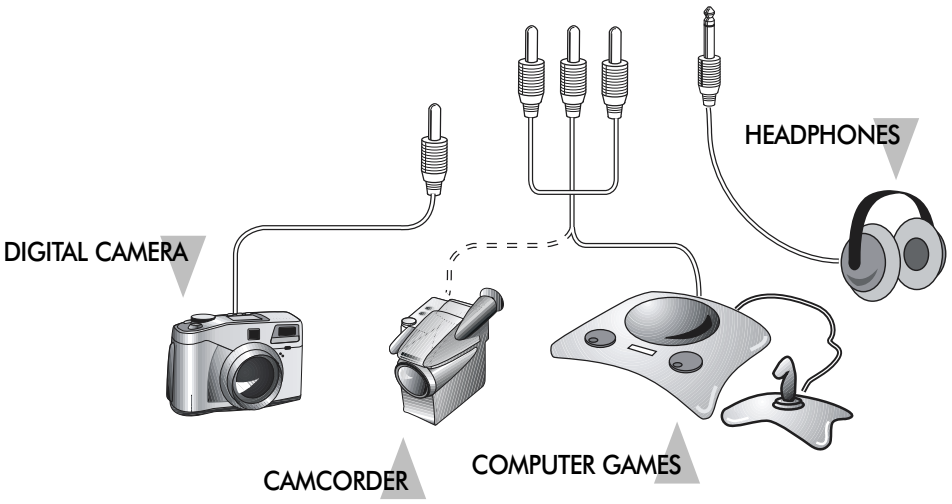
You must cancel the news flash page before changing channels.

Front connections and controls

You can connect a wide variety of external equipment via the sockets located behind the flap on the *front* of the TV. Press the centre of the flap to open it

Front connections…

DO NOT connect equipment to both the front and rear ⊖3 terminals at the same time.



Please always refer to the owner's manual of the equipment to be connected for full details.

Before connecting any external equipment, turn off all main power switches.

If you connect mono sound equipment to ***Input 3***, connect the audio output of the equipment to the L/Mono socket on the TV.

To select the front Inputs, press the ⊖ button until the display shows ***EXT3*** or ***EXT3S*** as described on *page 16*.

Please note: Inserting the headphone jack will mute the sound from all speakers.

Front controls

Whilst all the necessary adjustments and controls for your new TV are made using the remote control, the buttons on the front of the TV may be used for some functions…

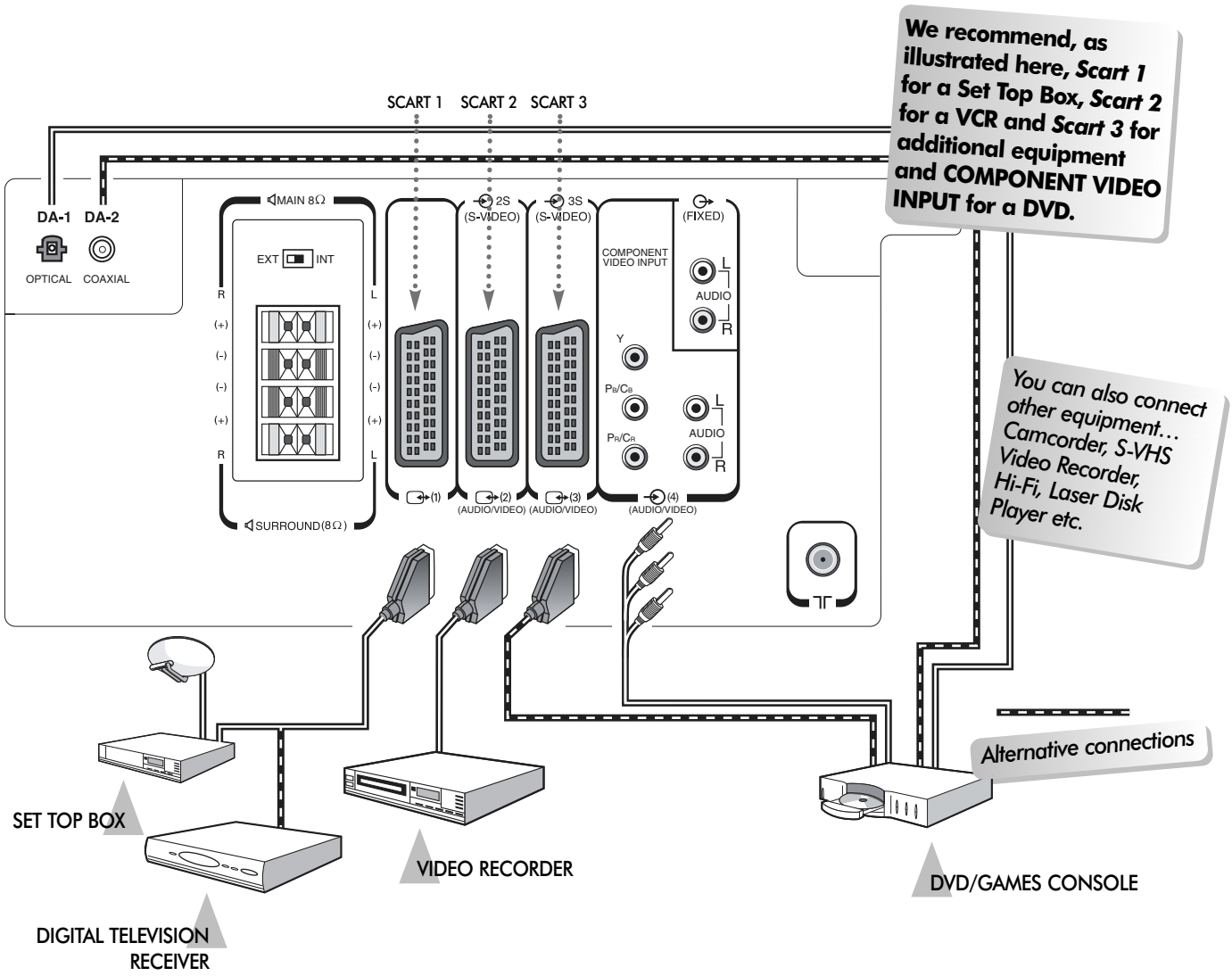
For example, to *alter the volume* press the — ◿ + buttons,

and *to alter the programme position* press the ▼ Ⓟ ▲ buttons…

…press the **MENU** button and control the sound and picture options with the ❮, ❯, ⌄ and ⌃ buttons.

Use **EXIT** to cancel the displays.

Back connections



Before connecting any external equipment, turn off all main power switches.

On the back of the TV are 3 Scart sockets, and a selection of phono sockets, all of which will enable you to connect a variety of equipment.

DA-1 and DA-2 enable the input of Digital Audio signals.

The phono sockets alongside the COMPONENT VIDEO INPUT sockets will accept L and R audio signals.

In addition there is a fixed external audio output which enables the connection to a suitable Hi-Fi unit.

If connecting S-VIDEO equipment, set the **INPUT** for ***EXT2*** or ***EXT3*** accordingly. *See page 16.*

If your TV automatically switches over to monitor the connected equipment you can return to normal TV simply by pressing the desired programme position button.

To recall the connected equipment, press the ⇥ button repeatedly to select between ***EXT1***, ***EXT2***, ***EXT3*** and ***EXT4***.

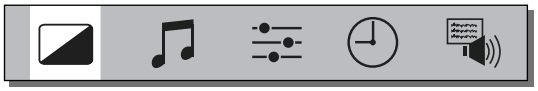
The on-screen menus

Press the **MENU** button on the remote control to see your top menu bar. This white menu bar will show five different topics shown in symbols. As you select each symbol by pressing the ❮ or ❯ button, its respective options will appear below. To use the options press the ❯ button on the remote control to move you down through them.

Using the Menus

The functions of each menu are described in detail throughout this Manual.

The PICTURE Menu



PICTURE

Contrast	50
Brightness	50
Colour	50
Tint	00
Sharpness	00
Scan mode	100Hz
DNR	AUTO

EXIT : To exit

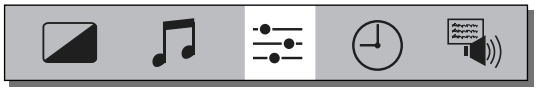
The SOUND Menu

SOUND

Bass	00
Treble	00
Balance	00

EXIT : To exit

The SET UP Menu



SET UP

Language	ENGLISH
Colour	AUTO
Auto tuning	
Manual tuning	
Programme sorting	
Teletext	

When watching a TV broadcast...

EXIT : To exit

SET UP

Language	ENGLISH
Colour	AUTO
Teletext	

When watching an external source...

EXIT : To exit

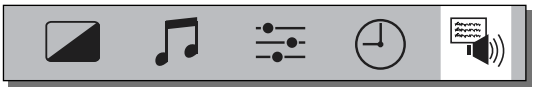
The TIMER Menu

TIMER

Off timer	00:00
On timer	00:00 P02

0 – 9 : To set
EXIT : To exit

The FEATURE Menu



FEATURE MENU

AV connection	
Picture size/position	
Surround set up	
Panel lock	OFF
Automatic format	ON
Blue screen	ON

EXIT : To exit

...For quick reference to topics, see the INDEX at the back of this manual.

Questions and Answers...

If you experience what seem like problems operating your TV, we recommend you read through these simple checks.

Q *Why is there no sound or picture?*

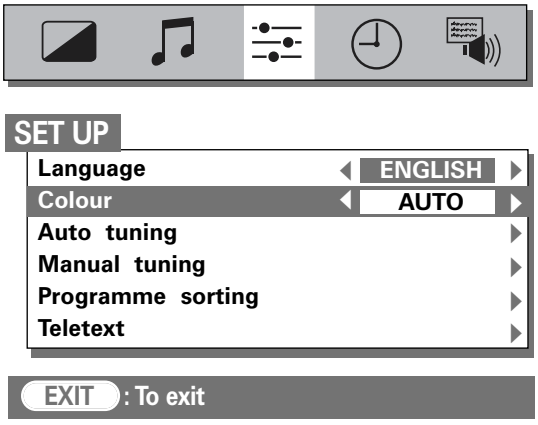
A Check that the mains switch is on and check all the connections. Press the Standby button ⏻ on the remote control to make sure that the TV is not in Standby mode.

Q *There IS a picture, but why is there little or no colour?*

A *There is little or no colour…*
When using an external source, for instance, a poor quality video tape, if there is little or no colour, improvements may sometimes be achieved. The television is factory set to **AUTO** in the **SET UP** menu to automatically display the best colour system.

To check that you have the best colour…

1 From the **SET UP** menu select ***Colour***.



2 With the ❮ or ❯ button, choose between **AUTO, PAL, SECAM, NTSC 4. 43** or **3. 58**.

Q *Can anything else cause a poor picture?*

A Yes, interference or a weak signal. Try a different TV station.

Manual fine tuning may help.

Q *Why can't I see the video/DVD I am playing?*

A Make sure you have connected the VCR or the DVD player to the TV as shown on page 24, then select the correct input using the ⇥ button.

Q *Why is the video/DVD in black and white?*

A Check that the correct ***input*** has been chosen, **S-VIDEO** or **AV**. See ***AV connections***.

Q *Why is the video picture good but there is no sound?*

A Check Scart lead connection.
Check ***Digital input*** **OFF**. See ***AV connections***.

Q *I have a picture, but why have I no sound?*

A Press the volume button + ◿ or the sound mute 🔇 button.

Q *Why don't the controls on the front of the TV work?*

A Check that ***Panel lock*** is not **ON**.

Q *Why is there a message permanently on the screen?*

A Remove it by pressing the **CALL** button.

Q *Why am I having problems with teletext?*

A Good performance of text depends on a good strong broadcast signal. This normally requires a roof or loft aerial. If the text is unreadable or garbled, check your aerial. Go to the *main index* page of the teletext service and look for the *User Guide*. This will explain the basic operation of teletext in some detail. If you need further information on how to use text *see the teletext section.*

Q *Why do I not have any teletext sub-pages?*

A There are none broadcast or they have not yet loaded. Press the 📺(⇥) button to access. (See teletext section.)

Questions and Answers... continued

Remember...

For television operation queries, please ring the helpline...

Toshiba customer helpline
0115 976 6958
For UK only

Q *Why doesn't the remote control work?*

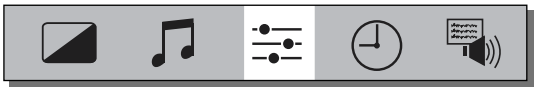
A Check that the switch on the side is in TV mode. Check that the batteries aren't dead and that they are inserted correctly.

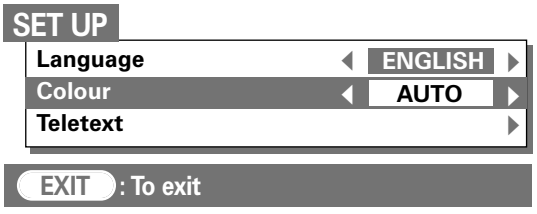
Q *Why has my screen turned blue?*

A ***Blue screen*** in the **FEATURE MENU** is **ON**. When no signal is being received, the TV will turn off the sound and switch the TV screen to blue. After 20 minutes the TV will switch to Standby mode.

Q *Why are the colours wrong when I play an NTSC source?*

A Connect the source via a Scart lead and play. Select the **SET UP** menu.





1. Set the Colour to **AUTO** and exit.
2. Go to the **PICTURE** menu and adjust the tint.

Cleaning the screen and cabinet...

*After turning off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you **do not** use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.*

Disposal...

When the set reaches the end of its useful life please dispose of it in accordance with Local Government Regulations or at a recycling centre.

Q *Why is there no Dolby Surround?*

A If you are unable to obtain surround sound effects from the rear speakers whilst playing a Dolby Surround video tape, check that the video recorder is a stereo unit and is connected by a scart lead. Check that Dolby Pro Logic is selected from the **SURROUND** menu. Check that rear speakers are connected and the ***Rear speaker*** option in the ***Surround set up*** menu is set to YES. Then run the ***Surround test***.

Q *Why is there no Dolby Digital?*

A ...If you are unable to obtain full Dolby Digital check: The ***Rear speaker*** (in ***Surround set up***) says **YES** and the equipment is either connected by a phono or optical link as well as through a Scart socket or COMPONENT VIDEO INPUT. Also check that the correct external source is selected *i.e.* **EXT 3** or **EXT 4** (in ***AV connections***).

If you connect external front left and right speakers, you must set the External speaker switch to EXT to get the full benefit of Dolby Digital – if the switch is left on INT the external speakers will not function. **Turn the television off** before changing the position of the switch.

Q *Why is there no sound from the external left and right speakers?*

A ...Check the speaker switch has been set to **EXT**.

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Specifications and accessories

Broadcast systems/channels

PAL-I	UHF	UK21-UK69
PAL-B/G	UHF	E21-E69
	VHF	E2-E12, S1-S41
SECAM-L	UHF	F21-F69
	VHF	F1-F10, B-Q
SECAM-D/K	UHF	R21-R69
	VHF	R1-R12

Video Input PAL, SECAM, NTSC 3.58/4.43

External connections

EXT1	Input	21-pin Scart	RGB, A/V
EXT2	Input/Output	21-pin Scart	A/V, S-video, Selectable output
EXT3	Input (back)	21-pin Scart	A/V, S-video
	Input (front)	4-pin	S-video
		Phono jack	Video
		Phono jacks	Audio L + R
EXT4	Input	Phono jacks	Y, P_B/C_B, P_R/C_R
		Phono jacks	Audio L + R
Digital Audio Input		Optical or Coaxial	
Fixed Output		Phono jacks	Audio L + R

Programme Positions	100	
Stereo	Nicam/MPX	
Visible Screen Size	32ZP18Q	76cm
	36ZP18Q	86cm
Display	16:9	
Sound output (at 10% distortion)	Main	10W + 10W
	Woofer	13W
	Surround	10W + 10W
Power consumption	32ZP18Q	155W
	36ZP18Q	160W

Dimensions

32ZP18Q	750mm (W)	544mm (H)	545mm (D)
36ZP18Q	855mm (W)	620mm (H)	601mm (D)

Weight	32ZP18Q	56kg (approx.)
	36ZP18Q	75kg (approx.)
Headphone Socket	3.5mm stereo	
Accessories	Remote control	
	2 batteries (R03 or AAA)	
	Surround speakers	

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